

From dave at horsfall.org Sun Jul 1 02:28:31 2018
From: dave at horsfall.org (Dave Horsfall)
Date: Sun, 1 Jul 2018 16:28:31 +1000 (EST)
Subject: [BoatAnchors] OT: Happy Canada Day!
Message-ID: <alpine.BSF.2.21.999.1807011627040.68695@aneurin.horsfall.org>

They didn't seem to mind losing the flag of a foreign country from their own flag, and believe me, we Aussies/Poms appreciated your help in WW-2!

Thank you, all Canucks!

-- Dave VK2KFU

From arc5 at ix.netcom.com Mon Jul 2 16:15:05 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Mon, 2 Jul 2018 15:15:05 -0500
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?
Message-ID: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>

I've always heard that the carbon comp resistors that fail Hi-Z most often are those in the Mega-Ohm range ("green band"). Oddly, over the last four major projects: TCS, ATD, RAX and now SCR-522, haven't found that to be the case. The resistors most often failed-High are in the 15K-500K range, with the #1 "bad guy" being 47K Ohms, followed by 470K. I remember changing one or two Mega-Ohm value resistor in the last three projects. Every 47K resistor in the last TCS receiver and in the ATD had to go.

Which brings me to this:

I've got piles of NOS Carbon Comps that have been following me around for eons. The majority of these have started reading Hi-Z by 5% or more. Many by much more. I just threw a half dozen NOS 100K away because they read from 107K- to 122K-Ohms. Other values are showing similar drift.

Has twilight come for Carbon Comp resistors? I've stopped buying them at hamfests and use only the newer, ceramic looking thingies for projects now. What do you think?

GL OM ES 73 DE Dave AB5S

From w5sum at comcast.net Mon Jul 2 16:33:29 2018
From: w5sum at comcast.net (Ronnie Hull)
Date: Mon, 2 Jul 2018 15:33:29 -0500
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?
In-Reply-To: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
References: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
Message-ID: <A1E94E2A-95C9-454F-922B-45608FA6C836@comcast.net>

I can't make myself throw away my carbon comps but honestly ALL of them have drifted up. Most are not too bad but it seems the values you need the most ARE too high to use :(

Ronnie
WN5AIA

Sent from my iPhone

> On Jul 2, 2018, at 3:15 PM, David Stinson via BoatAnchors <boatanchors at lists.theporch.com> wrote:

>

> I've always heard that the carbon comp resistors
> that fail Hi-Z most often are those in the
> Mega-Ohm range ("green band"). Oddly, over the
> last four major projects: TCS, ATD, RAX and now
> SCR-522, haven't found that to be the case. The
> resistors most often failed-High are in the
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> stopped buying them at hamfests and use only the
> newer, ceramic looking thingies for projects now.
> What do you think?

>

>
> GL OM ES 73 DE Dave AB5S
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at lists.theporch.com
> <https://lists.theporch.com/mailman/listinfo/boatanchors>

From w9ac at arrl.net Mon Jul 2 16:35:59 2018
From: w9ac at arrl.net (Paul Christensen)
Date: Mon, 2 Jul 2018 16:35:59 -0400
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?
In-Reply-To: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
References: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
Message-ID: <009501d41244\$49ca2e50\$dd5e8af0\$@arrl.net>

Dave,

Any idea as to the OEM? My A-B and Ohmite carbon comps seem to have aged well. By contrast, I've replaced several "brand X" types that have drifted significantly. The common characteristics are a seam along the body of the resistor and poorly printed bands. When troubleshooting a Drake 1A, every 33K screen resistor was of this type and had drifted upward to nearly 3x the marked value.

Paul, W9AC

-----Original Message-----

From: BoatAnchors <boatanchors-bounces at lists.theporch.com> On Behalf Of David Stinson via BoatAnchors
Sent: Monday, July 2, 2018 4:15 PM
To: boatanchors at mailman.qth.net; milsurplus at mailman.qth.net
Cc: David Stinson <arc5 at ix.netcom.com>
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?

I've always heard that the carbon comp resistors that fail Hi-Z most often are those in the Mega-Ohm range ("green band"). Oddly, over the last four major projects: TCS, ATD, RAX and now SCR-522, haven't found that to be the case. The resistors most often failed-High are in the 15K-500K range, with the #1 "bad guy" being 47K Ohms, followed by 470K. I remember changing one or two Mega-Ohm value resistor in the last three projects. Every 47K resistor in the last TCS receiver and in the ATD had to go.

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GL OM ES 73 DE Dave AB5S

BoatAnchors mailing list
BoatAnchors at lists.theporch.com
<https://lists.theporch.com/mailman/listinfo/boatanchors>

From dxguy at earthlink.net Mon Jul 2 19:41:47 2018
From: dxguy at earthlink.net (Donald Davis)
Date: Mon, 2 Jul 2018 16:41:47 -0700
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?
In-Reply-To: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
References: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
Message-ID: <003001d4125e\$3e51a1b0\$baf4e510\$@earthlink.net>

Resistors do change value after years of storage / years of use. Re burn-in at 150 degrees F in light roughing vacuum for 24 hrs or more. If they are not stable after this, toss them. If they're OK, try and store in a warm low humidity area. Might consider conformal coating. This info is from 35 years of aerospace engineering and assembly experience. Yes, we used carbon comp resistors in "legacy " hardware in the '70s. 73 de don ad6pb

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf Of David Stinson via BoatAnchors
Sent: Monday, July 02, 2018 1:15 PM
To: boatanchors at mailman.qth.net; milsurplus at mailman.qth.net
Cc: David Stinson <arc5 at ix.netcom.com>
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?

From gumbear at pacbell.net Mon Jul 2 20:44:37 2018
From: gumbear at pacbell.net (Arden Allen)
Date: Mon, 2 Jul 2018 17:44:37 -0700
Subject: [BoatAnchors] Carbon Comp Resistors: The Darkness Gathers?
In-Reply-To: <003001d4125e\$3e51a1b0\$baf4e510\$@earthlink.net>
References: <005901d41241\$5e6860a0\$1b3921e0\$@netcom.com>
<003001d4125e\$3e51a1b0\$baf4e510\$@earthlink.net>

Message-ID: <4F1CB18C4148434A9CB8B3D874F6C24D@Lenovo>

>Yes, we used carbon
comp resistors in "legacy " hardware in the '70s.

Allen Bradly's hot molded carbon comp resistors were the favorite of hi rel instrument makers and were established as the most reliable type for mil spec purposes. International Resistance probably couldn't make hot molded types without violating AB's patents. That's why I think theirs were the bargain basement product we all love to hate.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From arc5 at ix.netcom.com Tue Jul 3 07:04:55 2018
From: arc5 at ix.netcom.com (=?utf-8?B?YXJjNUBpeC5uZXRjb20uY29t?=
Date: Tue, 3 Jul 2018 11:04:55 GMT
Subject: [BoatAnchors] Caps: Color Me Corn-fused
Message-ID: <000f4244.27b201e23cfb0119@ix.netcom.com>

Color corn-fusion. ?Attached photo from the refurb of the SCR-522 front end. The bottom cap: ?blue, grey, brown. 680pFd, and that matches the diagram. ?Top cap' same maker: blue, grey, black. 68pFd, and the orange should mean 300V. ?The Voltage rating is right by the parts list, but it says this should also be 680pFd and, measured in the ZM-11 bridge, that's correct. What am I missing or, more likely, what has fallen into the abyssal void I call "my memory?"
73 Save AB5S

From arc5 at ix.netcom.com Tue Jul 3 07:23:03 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 3 Jul 2018 06:23:03 -0500
Subject: [BoatAnchors] [Milsurplus] Caps: Color Me Corn-fused
In-Reply-To: <000f4244.27b201e23cfb0119@ix.netcom.com>

References: <000f4244.27b201e23cfb0119@ix.netcom.com>
Message-ID: <000001d412c0\$354433f0\$9fcc9bd0\$@netcom.com>

?DOH!? (slapping forehead). Now that I have some coffee onboard, I remember.

The bottom one is a ?three dot.? Why they heck did the maker ?change horses???

The top one is a ?four dot? and reads left-to-right, then down, then right-to-left.

Blue, grey, black, black 680, 0 multiplier. Forget what dot 5 does, but
six is orange- 300V.

Dang it I hate getting old?

From wa5cab at cs.com Tue Jul 3 13:26:40 2018
From: wa5cab at cs.com (Robert Downs)
Date: Tue, 3 Jul 2018 12:26:40 -0500
Subject: [BoatAnchors] [Milsurplus] Caps: Color Me Corn-fused
In-Reply-To: <000001d412c0\$354433f0\$9fcc9bd0\$@netcom.com>
References: <000f4244.27b201e23cfb0119@ix.netcom.com>
<000001d412c0\$354433f0\$9fcc9bd0\$@netcom.com>
Message-ID: <004a01d412f3\$01a15450\$04e3fcf0\$@com>

See pages 95 and 96 of the 1945 edition of TM 11-235 on SCR-536 (VC-611) or any other equivalent from the period. Some of the standards are RMA (Radio Manufacturers of America) and some AWS (American War Standard). There are no four-dot standards for the flat axial lead fixed capacitors. There are only three-dot and six-dot. Some are for paper and some mica. If the bottom one actually only has three dots, it is Mica and rated 500 V. Otherwise, I'd have to see it. On the top one, since dot-1 is not black or silver, the capacitor is mica and dot five is the tolerance.

Robert Downs

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf Of David Stinson via BoatAnchors
Sent: Tuesday, July 3, 2018 06:23

To: 'boatanchors'; boatanchors at lists.theporch.com; 'Milsurplus'
Cc: David Stinson
Subject: Re: [BoatAnchors] [Milsurplus] Caps: Color Me Corn-fused

?DOH!? (slapping forehead). Now that I have some coffee onboard, I remember.

The bottom one is a ?three dot.? Why they heck did the maker ?change horses???

The top one is a ?four dot? and reads left-to-right, then down, then right-to-left.

Blue, grey, black, black 680, 0 multiplier. Forget what dot 5 does, but
six is orange- 300V.

Dang it I hate getting old?

BoatAnchors mailing list
BoatAnchors at lists.theporch.com
<https://lists.theporch.com/mailman/listinfo/boatanchors>

From john.shriver at gmail.com Tue Jul 3 13:44:06 2018
From: john.shriver at gmail.com (John Shriver)
Date: Tue, 3 Jul 2018 13:44:06 -0400
Subject: [BoatAnchors] [Milsurplus] Caps: Color Me Corn-fused
In-Reply-To: <004a01d412f3\$01a15450\$04e3fcf0\$@com>
References: <000f4244.27b201e23cfb0119@ix.netcom.com>
<000001d412c0\$354433f0\$9fcc9bd0\$@netcom.com>
<004a01d412f3\$01a15450\$04e3fcf0\$@com>
Message-ID: <CAEv8c7FcRvW0s9Ct-NoYDv_Brn9BhsrC2ohdSURRgAQEzScGOg@mail.gmail.com>

Yeah, those dot codes are hell. Good summary on the inside front cover of
old Heathkit manuals, like this one:
<http://www.mcmlv.org/Archive/HiFi/HeathkitW3M.pdf>

On a six dot body, top left dot is apparently white for 1948 RMA mica,
black for JAN mica, or silver for JAN paper. Any other color coding to 1
through 8 in the top left dot is the obsolete RMA, and it's the first
significant digit. I don't know how you would deal with the ambiguity of a
first significant digit of 9 (white) in RMA.

Since Heath used a lot of war surplus parts, they had to provide the magic decoder ring for them as well...

Of course, this isn't as obscure as the two-character codes on modern surface mount resistors!

From gumbear at pacbell.net Tue Jul 3 18:53:08 2018
From: gumbear at pacbell.net (Arden Allen)
Date: Tue, 3 Jul 2018 15:53:08 -0700
Subject: [BoatAnchors] Caps: Color Me Corn-fused
In-Reply-To: <000f4244.27b201e23cfb0119@ix.netcom.com>
References: <000f4244.27b201e23cfb0119@ix.netcom.com>
Message-ID: <0A952385A71240A5B32FBC209A0A8DCD@Lenovo>

>What am I missing or, more likely, what has fallen into the
> abyssal void

Even electronics needs a language interpreter. Brown = a zero multiplied by one. Black = a zero, no math required. Always have a cap meter handy!

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From spr at earthlink.net Tue Jul 3 14:35:27 2018
From: spr at earthlink.net (Scott Robinson)
Date: Tue, 3 Jul 2018 20:35:27 +0200
Subject: [BoatAnchors] SX-25 Restoration Questions
In-Reply-To: <F32DD3CC07D34AA5BD0A033D4A8BB080@DualAMD64>
References: <F32DD3CC07D34AA5BD0A033D4A8BB080@DualAMD64>
Message-ID: <c752adb1-c7e9-ab31-62bf-ceb14c3c19ed@earthlink.net>

Hi Nick,

I did all the caps in my SX28A except the six or so in the front end.? I used socket adapters that you plug into the sockets and then lug the tubes in from above, and whihc give you access to the pins for voltage measurements. These caps are for screen bypass, cathode resistor bypass,? and AVC bypass.

The screen and cathode voltages were right, and the avc works, too, so I

avoided a) a lot of work, but mostly b) the possibility that the massive disassembly needed would break something hard to fix.

Call me lazy, but the RX works fine.

Keep 'em glowing!

/scott robinson

From 1oldlens1 at ix.netcom.com Wed Jul 4 17:43:29 2018
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Wed, 4 Jul 2018 14:43:29 -0700
Subject: [BoatAnchors] Caps: Color Me Corn-fused
In-Reply-To: <0A952385A71240A5B32FBC209A0A8DCD@Lenovo>
References: <000f4244.27b201e23cfb0119@ix.netcom.com>
<0A952385A71240A5B32FBC209A0A8DCD@Lenovo>
Message-ID: <c161cad2-960c-f363-b801-d1ad863fc5c1@ix.netcom.com>

I have had two posts regarding this rejected by the moderator. There is no other mailing list that covers what this one does so I am reluctant to leave it but its tough to send stuff you think meets the requirements only to find out in several hours that its never going to go through.

Enough already

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From listown at nanniandjack.com Wed Jul 4 18:13:11 2018
From: listown at nanniandjack.com (Jack G F Hill)
Date: Wed, 4 Jul 2018 17:13:11 -0500
Subject: [BoatAnchors] The Penalty Box...
Message-ID: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>

Good people of the list:

I have tried to moderate this list with a gentle hand, though to anyone whose post is rejected or who has been consigned to the Penalty Box, I'm sure it seems like a VERY heavy hand - I don't mean it to be.

For about 25 years I have moderated the list, moved it from MIT to a friend's server, and then to a list publisher. We have had some very interesting times and posts in those 25 years, and I have enjoyed being part of BoatAnchors, learning as we have gone along.

It gets just a tad frustrating to have to repeatedly politely ask that people edit their posts (I am *NOT* the "grammar police") especially removing the included parts of posts that have nothing to do with what is being responded to... you know, especially those pesky things like headers, footers, and sig blocks.

And it really hurts when a member gets all butt-hurt and either leaves or threatens to leave... we all lose then. Since I read both the individual posts and the digest, context is often self evident and no included post (certainly NOT the replied-to post in its entirety, including footers and/or headers) is necessary.

So, I ask again, that y'all edit any included posts, especially headers, footers, and long sig blocks (like mine). I have a life outside the BoatAncors list, and for the past few days I have had several things that kept me away from moderating, so a few of the rejects were met with some hard feelings, though that was NEVER my intent.

So, if you are feeling a tad butt-hurt, please try putting yourself in someone else's shoes and read your response from a Digest point-of-view... maybe a tad of editing would help your post stand out and help someone.

--

Jack Hill, W4KH - BoatAnchors Listowner/Archiver
???????????????? listown at nanniandjack.com
??????? "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"

From anchor at ec.rr.com Wed Jul 4 19:42:54 2018
From: anchor at ec.rr.com (Al Parker)
Date: Wed, 4 Jul 2018 19:42:54 -0400
Subject: [BoatAnchors] SX-25 Restoration Questions
In-Reply-To: <c752adb1-c7e9-ab31-62bf-ceb14c3c19ed@earthlink.net>
References: <F32DD3CC07D34AA5BD0A033D4A8BB080@DualAMD64>
<c752adb1-c7e9-ab31-62bf-ceb14c3c19ed@earthlink.net>
Message-ID: <22355085-ff54-b80f-76e4-3cedb0ab5381@ec.rr.com>

If it works, don't fix it.

73,

Al, W8UT

www.boatanchors.org

www.hammarlund.info

"There is nothing -- absolutely nothing -- half so much
worth doing as simply messing about in boats"
Ratty, to Mole

On 7/3/2018 2:35 PM, Scott Robinson via BoatAnchors wrote:

> Hi Nick,
>
> Call me lazy, but the RX works fine.
>
> Keep 'em glowing!
>
> /scott robinson
>

From k1lky68 at gmail.com Fri Jul 6 09:20:35 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:20:35 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <BF42E950-DE7B-44E9-8634-B14099004483@gmail.com>

Jim

I have manuals for you and will send them once my Internet works again.

Roy sends.

> On Jun 21, 2018, at 4:36 PM, Jim Isbell, W5JAI via BoatAnchors <boatanchors at lists.theporch.com> wrote:

>
> I just bought a PS for my Tempo 1 so now I need a manual. Anyone know
> where I can download one?
>
> Jim Isbell
>

> On Thu, Jun 21, 2018 at 2:00 PM, Roy Morgan via BoatAnchors <
> boatanchors at lists.theporch.com> wrote:

>
>> Boatnchor folks,
>>
>> I have unearthed:
>>
>> Type CPR-60AAJ
>> Test Receiver
>> For use with model ABE and ABK Series Equipment
>>
>> This thing has two independent ?channels?, each with on/off switch, an
>> antenna input, two battery tubes, tuning control, and phone output.
>>
>> Does anyone know about this gadget? At:

```
>> www.virhistory.com/navy/manuals/94200/94200_1_05-2.pdf <
>> http://www.virhistory.com/navy/manuals/94200/94200_1_05-2.pdf>
>> Which is:
>> http://192.168.1.1:8181/http://www.virhistory.com/navy/
>> manuals/94200/94200_1_05-2.pdf <http://192.168.1.1:8181/http:
>> //www.virhistory.com/navy/manuals/94200/94200_1_05-2.pdf>
>>
>> I learn that the ABK systems were Mark III IFF system transponders
>> operating at 158 to 168 mc.
>>
>> If anyone is interested in this thing, let me know. It's way down on my
>> list of things to mess with.
>>
>> Roy
>>
>> Roy Morgan
>> k1lky68 at gmail.com <mailto:k1lky68 at gmail.com>
>>
>>
>>
>> -----
>> BoatAnchors mailing list
>> BoatAnchors at lists.theporch.com
>> https://lists.theporch.com/mailman/listinfo/boatanchors
>>
> -----
> BoatAnchors mailing list
> BoatAnchors at lists.theporch.com
> https://lists.theporch.com/mailman/listinfo/boatanchors
```

```
From k1lky68 at gmail.com Fri Jul 6 09:21:56 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:21:56 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <7A95B299-0E8D-42F0-96AE-D086825BF23C@gmail.com>
```

```
From k1lky68 at gmail.com Fri Jul 6 09:22:06 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:22:06 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <B7EEA905-9C34-4E83-96A9-C02FB8364094@gmail.com>
```

Jim.

I can send you three things:

The Tempo 1 manual
Tempo 1 schematic
My notes file on the thing.

Here they are.

I also have a number of pictures that may be useful. I'll look at them.

Roy Morgan
k1lky68 at gmail.com <mailto:k1lky68 at gmail.com>

> On Jun 21, 2018, at 4:36 PM, Jim Isbell, W5JAI via BoatAnchors <boatanchors at lists.theporch.com <mailto:boatanchors at lists.theporch.com>> wrote:

>

> I just bought a PS for my Tempo 1 so now I need a manual. Anyone know
> where I can download one?

From k1lky68 at gmail.com Fri Jul 6 09:23:35 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:23:35 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMhpGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMhpGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <3B764B60-17C0-4A79-8C07-F92D2A56EE03@gmail.com>

Ah I discovered that the GIF images I have are the service manual.

Here they are:

Roy Morgan
k1lky68 at gmail.com <mailto:k1lky68 at gmail.com>

> On Jun 21, 2018, at 4:36 PM, Jim Isbell, W5JAI via BoatAnchors <boatanchors at lists.theporch.com <mailto:boatanchors at lists.theporch.com>> wrote:

>

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> where I can download one?

From k1lky68 at gmail.com Fri Jul 6 09:40:53 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:40:53 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <BD092C68-BE34-47AC-8E2D-2DE6820D9FF9@gmail.com>

Ah I discovered that the GIF images I have are the service manual.

Here they are:

Roy Morgan
k1lky68 at gmail.com <mailto:k1lky68 at gmail.com>

> On Jun 21, 2018, at 4:36 PM, Jim Isbell, W5JAI via BoatAnchors <boatanchors at lists.theporch.com <mailto:boatanchors at lists.theporch.com>> wrote:
>
> I just bought a PS for my Tempo 1 so now I need a manual. Anyone know
> where I can download one?

From k1lky68 at gmail.com Fri Jul 6 09:57:50 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Fri, 6 Jul 2018 09:57:50 -0400
Subject: [BoatAnchors] Tempo 1 and PS
In-Reply-To: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
References: <CAB+LbZA_QMHPGgHLKPab=Cp99-rHb8NJHXWCss4TkneV3zLc1Q@mail.gmail.com>
Message-ID: <07BACB4C-6DD2-4C1B-8F91-D84EF11883D8@gmail.com>

Ah I discovered that the GIF images I have are the service manual.

Here they are:

Roy Morgan
k1lky68 at gmail.com <mailto:k1lky68 at gmail.com>

> On Jun 21, 2018, at 4:36 PM, Jim Isbell, W5JAI via BoatAnchors <boatanchors at lists.theporch.com <mailto:boatanchors at lists.theporch.com>> wrote:

>
> I just bought a PS for my Tempo 1 so now I need a manual. Anyone know
> where I can download one?

From johnmb at nc.rr.com Fri Jul 6 10:08:03 2018
From: johnmb at nc.rr.com (john)
Date: Fri, 6 Jul 2018 10:08:03 -0400
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
Message-ID: <0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>

On 7/4/2018 6:13 PM, Jack G F Hill wrote:
"> G..."

Jack

With all due respect, I think (due to technology and more unfortunately, the volume of traffic) the era of obsessing on reply trimming has come and gone. To some degree it's tilting at windmills as everyone forgets to post trim from time to time, and in a practical sense, it's plain text which "squanders" an inconsequential amount of bandwidth in 2018.

I'm much more interested in encouraging posting to the point where actually filling up a Digest version actually occurs.

As one of the original BA crew I respect your hand in keeping the list on the air. We should all be doing what we can to keep traffic and interest alive too.

John K5MO

From johnmb at nc.rr.com Fri Jul 6 10:09:25 2018
From: johnmb at nc.rr.com (john)
Date: Fri, 6 Jul 2018 10:09:25 -0400
Subject: [BoatAnchors] SX-25 Restoration Questions
In-Reply-To: <22355085-ff54-b80f-76e4-3cedb0ab5381@ec.rr.com>
References: <F32DD3CC07D34AA5BD0A033D4A8BB080@DualAMD64>
<c752adb1-c7e9-ab31-62bf-ceb14c3c19ed@earthlink.net>
<22355085-ff54-b80f-76e4-3cedb0ab5381@ec.rr.com>
Message-ID: <e13aac74-5ff5-179e-f769-8d090012b901@nc.rr.com>

On 7/4/2018 7:42 PM, Al Parker wrote:
> If it works, don't fix it.

.... but put a fuse in it just to be safe... :-)

John K5M0

From gumbear at pacbell.net Fri Jul 6 14:26:44 2018
From: gumbear at pacbell.net (Arden Allen)
Date: Fri, 6 Jul 2018 11:26:44 -0700
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
Message-ID: <45914E7C13F7438A98FDD920BC018A57@Lenovo>

> Jack ...With all due respect, I think (due to technology and more
> unfortunately,
the volume of traffic) the era of obsessing on reply trimming has come
and gone.

I think an analogy regarding old radios applies here. Think of it this way:
CW can be automated but it's also fun to send and receive by hand. Old
radios require upkeep and that's impossible to automate. One's shack and
workshop require care. Also, I get no thrill out of cleaning up after my
dogs. But having my dogs around has rewards that are well worth the effort.
It's no big effort to send edited replies to the List if you think of it
that way. So, get real and live a joyous life!

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From johnmb at nc.rr.com Fri Jul 6 15:03:56 2018
From: johnmb at nc.rr.com (john)
Date: Fri, 6 Jul 2018 15:03:56 -0400
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <45914E7C13F7438A98FDD920BC018A57@Lenovo>

References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
Message-ID: <94dd6afe-42d2-9c24-d95b-303f61ccc49e@nc.rr.com>

? So, get real and live a joyous life!
>
> Arden Allen
> KB6NAX

Thank God. For a moment there, I thought I was going to be in agreement with Arden!

: -)

Joyously

John K5M0

From jim.isbell at gmail.com Fri Jul 6 14:39:23 2018
From: jim.isbell at gmail.com (Jim Isbell, W5JAI)
Date: Fri, 6 Jul 2018 13:39:23 -0500
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <45914E7C13F7438A98FDD920BC018A57@Lenovo>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
Message-ID: <CAB+LbZAKJHhz054M+3fh=UF7_wQyLXP50kMp3jMNpC7i7+4gog@mail.gmail.com>

I think agonizing over trimming posts is akin to the Spell Nazis and the people that cannot be bothered to hit a delete key on a tread they are not interested in.

Jim Isbell

On Fri, Jul 6, 2018 at 1:26 PM, Arden Allen via BoatAnchors <boatanchors at lists.theporch.com> wrote:

> Jack ...With all due respect, I think (due to technology and more
>> unfortunately,
>>
> the volume of traffic) the era of obsessing on reply trimming has come
> and gone.
>
> I think an analogy regarding old radios applies here. Think of it this

> way: CW can be automated but it's also fun to send and receive by hand.
> Old radios require upkeep and that's impossible to automate. One's shack
> and workshop require care. Also, I get no thrill out of cleaning up after
> my dogs. But having my dogs around has rewards that are well worth the
> effort. It's no big effort to send edited replies to the List if you think
> of it that way. So, get real and live a joyous life!

>
> Arden Allen
> KB6NAX
>

> He who is cruel to animals becomes
> hard also in his dealings with men.
> We can judge the heart of a man by
> his treatment of animals.
> ?Immanuel Kant
>

> -----
> BoatAnchors mailing list
> BoatAnchors at lists.theporch.com
> <https://lists.theporch.com/mailman/listinfo/boatanchors>
>

From k8mfo at aol.com Sat Jul 7 10:38:54 2018
From: k8mfo at aol.com (k8mfo at aol.com)
Date: Sat, 7 Jul 2018 10:38:54 -0400
Subject: [BoatAnchors] Large Boatanchor Estate in Northeast Ohio
Message-ID: <164752e67cc-179e-74ca@webjas-vaa182.srv.aolmail.net>

Greetings Boatanchorites;

A buddy of mine and I are assisting a widow to dispose of her husband's estate.
He was licensed for about 65 years, and was fond of radios that glow in the dark.
He also enjoyed operating them, and amassed quite a collection...

We are interested in selling the estate, IN TOTAL, ASIS, WHERE IS. At this time
we do not want to PART OUT the collection. It is located in Northeast Ohio. I
can provide a listing of the radios, in WORD format, showing a good portion of
what's available. If you are then SERIOUSLY interested in viewing and/or
purchasing the entire estate, I can put you in touch with my buddy, who lives very
close to where all the equipment is located. I'm about 90 minutes away myself,
and am merely the FRONT MAN at this point. I have made a few trips to help
organize the equipment, and am quite familiar with it. Neither of us have any
financial interest in the estate. We're doing this because our good friend
is now a silent key, as he would do the same for us.

Again, if you want a listing of the equipment, I will provide that to you. If
you are then seriously interested in viewing the equipment and/or making an offer,

I will put you in touch with my friend. We have set no price, but are looking for realistic and reasonable offers for the WHOLE ESTATE.

I also have some photos which I will be glad to share.

Thanks for the space.

Don ? K8MFO Same call since 1958

From k8mfo at aol.com Sat Jul 7 10:50:33 2018
From: k8mfo at aol.com (k8mfo at aol.com)
Date: Sat, 7 Jul 2018 10:50:33 -0400
Subject: [BoatAnchors] Large Boatanchor Estate in Northeast Ohio
Message-ID: <1647539183b-17a0-7430@webjas-vab130.srv.aolmail.net>

This may be easier to read.

Greetings Boatanchorites;

A buddy of mine and I are assisting a widow to dispose of her husband's estate. He was licensed for about 65 years, and was fond of radios that glow in the dark. He also enjoyed operating them, and amassed quite a collection...

We are interested in selling the estate, IN TOTAL, AS IS, WHERE IS. At this time we do not want to PART OUT the collection. It is located in Northeast Ohio. I can provide a listing of the radios, in WORD format, showing a good portion of what's available. If you are then SERIOUSLY interested in viewing and/or purchasing the entire estate, I can put you in touch with my buddy, who lives very close to where all the equipment is located. I'm about 90 minutes away myself, and am merely the FRONT MAN at this point. I have made a few trips to help organize the equipment, and am quite familiar with it. Neither of us have any financial interest in the estate. We're doing this because our good friend is now a silent key, as he would do the same for us.

Again, if you want a listing of the equipment, I will provide that to you. If you are then seriously interested in viewing the equipment and/or making an offer, I will put you in touch with my friend. We have set no price, but are looking for realistic and reasonable offers for the WHOLE ESTATE.

I also have some photos which I will be glad to share.

Thanks for the space.

Don ? K8MFO Same call since 1958

From wa5cab at cs.com Sat Jul 7 12:47:15 2018
From: wa5cab at cs.com (Robert Downs)
Date: Sat, 7 Jul 2018 11:47:15 -0500
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <45914E7C13F7438A98FDD920BC018A57@Lenovo>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
Message-ID: <005c01d41612\$29ffa830\$7dfef890\$@com>

I agree with Arden. Although "bandwidth" is no longer an issue for 99% of us, replying to a Digest without editing the Subject so that it doesn't say just "Digest # nnn" and without deleting the unrelated messages within the Digest is at best inconsiderate. Digest should have gone away with the 300 Baud Modem.

Robert Downs

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf Of Arden Allen via BoatAnchors
Sent: Friday, July 6, 2018 13:27
To: boatanchors at lists.theporch.com
Cc: Arden Allen
Subject: Re: [BoatAnchors] The Penalty Box...

> Jack ...With all due respect, I think (due to technology and more
> unfortunately,
the volume of traffic) the era of obsessing on reply trimming has come
and gone.

I think an analogy regarding old radios applies here. Think of it this way:

CW can be automated but it's also fun to send and receive by hand. Old radios require upkeep and that's impossible to automate. One's shack and workshop require care. Also, I get no thrill out of cleaning up after my dogs. But having my dogs around has rewards that are well worth the effort. It's no big effort to send edited replies to the List if you think of it that way. So, get real and live a joyous life!

Arden Allen
KB6NAX

From dxguy at earthlink.net Sun Jul 8 05:42:41 2018
From: dxguy at earthlink.net (Donald Davis)
Date: Sun, 8 Jul 2018 02:42:41 -0700
Subject: [BoatAnchors] Large Boatanchor Estate in Northeast Ohio
In-Reply-To: <164752e67cc-179e-74ca@webjas-vaa182.srv.aolmail.net>
References: <164752e67cc-179e-74ca@webjas-vaa182.srv.aolmail.net>
Message-ID: <000e01d416a0\$04132910\$0c397b30\$@earthlink.net>

Please send WORD doc

73 de don ad6pb

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf Of Donald Karvonen K8MFO via BoatAnchors
Sent: Saturday, July 07, 2018 7:39 AM
To: boatanchors at lists.theporch.com
Cc: k8mfo at aol.com
Subject: [BoatAnchors] Large Boatanchor Estate in Northeast Ohio

From nf6x at nf6x.net Mon Jul 9 12:14:44 2018
From: nf6x at nf6x.net (Mark J. Blair)
Date: Mon, 9 Jul 2018 09:14:44 -0700
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <005c01d41612\$29ffa830\$7dfef890\$@com>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
<005c01d41612\$29ffa830\$7dfef890\$@com>
Message-ID: <DC0937C4-6CA6-4B13-B4CB-E911A935DCD6@nf6x.net>

It is my opinion that replying without trimming any quotes is rude to all of the readers, whether on an email list or on a web forum, and whether in individual posts or in a digest format. Data bandwidth has grown a lot, but the reader's brain bandwidth remains constant at best. I am very happy with the way Jack runs the list, and thankful for his effort. I have no objection at all to the existence

of the Penalty Box.

--

Mark J. Blair <nf6x at nf6x.net>
<http://www.nf6x.net/>

From spr at earthlink.net Mon Jul 9 12:26:26 2018
From: spr at earthlink.net (Scott Robinson)
Date: Mon, 9 Jul 2018 09:26:26 -0700
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <DC0937C4-6CA6-4B13-B4CB-E911A935DCD6@nf6x.net>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
<005c01d41612\$29ffa830\$7dfe890\$@com>
<DC0937C4-6CA6-4B13-B4CB-E911A935DCD6@nf6x.net>
Message-ID: <0e653def-1544-538d-df54-9bbf8a2f9563@earthlink.net>

Folks,

While I am more than grateful to Jack and Philip for the existence and high quality of the list, I think the editing requirements are sometimes excessive. My particular example is that failing to cut off the .sig from the email you're answering can get you complained at.

Long stuff, no argument.

Peace and a fine dialogue to all!

/scott robinson

On 7/9/18 9:14 AM, Mark J. Blair via BoatAnchors wrote:

> It is my opinion that replying without trimming any quotes is rude to all of the readers, whether on an email list or on a web forum, and whether in individual posts or in a digest format. Data bandwidth has grown a lot, but the reader's brain bandwidth remains constant at best. I am very happy with the way Jack runs the list, and thankful for his effort. I have no objection at all to the existence of the Penalty Box.
>

From listown at nanniandjack.com Mon Jul 9 19:48:59 2018
From: listown at nanniandjack.com (List Manager)
Date: Mon, 09 Jul 2018 17:48:59 -0600
Subject: [BoatAnchors] Bounces...
Message-ID: <2c295a943adac8d2f783a04693fb0862@nanniandjack.com>

Tube Lovers:

This is NOT about the "Penalty Box", but rather about a sudden increase in posts that bounce when delivered to some addresses.

Rather than just wait until the bounce count increments and the member is dumped from the list, I have set the several members' email delivery to "No Mail". If you have been getting posts from the list and suddenly they stop, let me know so I can help you remedy the situation. Also, help a friend out if someone contacts you and says s/he is not getting the boatanchors posts anymore, have him/her send me an email so we can get things straightened out.

--

Jack Hill, W4KH - BoatAnchors Listowner/Archiver
listown at nanniandjack.com

"Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

From gumbear at pacbell.net Mon Jul 9 21:10:34 2018

From: gumbear at pacbell.net (Arden Allen)

Date: Mon, 9 Jul 2018 18:10:34 -0700

Subject: [BoatAnchors] The Penalty Box...

In-Reply-To: <0e653def-1544-538d-df54-9bbf8a2f9563@earthlink.net>

References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>

<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>

<45914E7C13F7438A98FDD920BC018A57@Lenovo>

<005c01d41612\$29ffa830\$7dfef890\$@com>

<DC0937C4-6CA6-4B13-B4CB-E911A935DCD6@nf6x.net>

<0e653def-1544-538d-df54-9bbf8a2f9563@earthlink.net>

Message-ID: <5D4D6792523C4C148E017534A7969881@Lenovo>

Scott, as I know you to be the King of Ease, I'll say this: As Jack has stated many times over the years swipe (select) and delete does not take an immense effort although it may be for some diminutive minds. What is in the subject field is the name of the thread, if you will. The message you are replying to, or part thereof, is all that should remain in a reply after all after is cast into the bit bucket. I hope this helps.

Arden Allen
KB6NAX

-----Original Message-----

From: Scott Robinson via BoatAnchors

Sent: Monday, July 09, 2018 9:26 AM

To: Ham radios with tubes

Cc: Scott Robinson

Subject: Re: [BoatAnchors] The Penalty Box...

Folks,

While I am more than grateful to Jack and Philip for the existence and high quality of the list, I think the editing requirements are sometimes excessive.
.....

From rbsingl at ilstu.edu Mon Jul 9 23:37:19 2018
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Tue, 10 Jul 2018 03:37:19 +0000
Subject: [BoatAnchors] The Penalty Box...
In-Reply-To: <5D4D6792523C4C148E017534A7969881@Lenovo>
References: <ba346f82-d9eb-63b1-8a41-d031a627a92f@nanniandjack.com>
<0f00f1b2-9bec-fdd3-30b9-aa8ce07d73bd@nc.rr.com>
<45914E7C13F7438A98FDD920BC018A57@Lenovo>
<005c01d41612\$29ffa830\$7dfef890\$@com>
<DC0937C4-6CA6-4B13-B4CB-E911A935DCD6@nf6x.net>
<0e653def-1544-538d-df54-9bbf8a2f9563@earthlink.net>
<5D4D6792523C4C148E017534A7969881@Lenovo>
Message-ID:
<DM5PR03MB25728C70C5C938DBC06F2A5CB85B0@DM5PR03MB2572.namprd03.prod.outlook.com>

I have been one of the guilty ones more than once but apparently my transgressions were small enough that I have managed to stay out of the penalty box. I try to be careful with this list but forgetting does happen.

Part of the problem is deleting parts of messages creates complaints on some lists and in some professional settings deleting part of an email string is a definitely frowned upon so it does require a little thought to meet this list requirement. But I fully understand it, especially for those who read it in digest form.

If you really want something to increase your blood pressure visit some of the forums where multiple photos per post are allowed. I bought a new Corvette for myself as a retirement gift a few years ago and one of my pet peeves on the Corvette forum is someone will post multiple pictures of their car or a modification to it and then a few yahoos come along and quote the entire set of photos just to add a single line comment like nice paint job.

The signal to noise ratio of this list is very much appreciated and we have Jack to thank for the nice reception conditions ?

Rodger WQ9E

-----Original Message-----

From: BoatAnchors <boatanchors-bounces at lists.theporch.com> On Behalf Of Arden Allen via BoatAnchors

From k1lky68 at gmail.com Sat Jul 14 13:31:50 2018
From: k1lky68 at gmail.com (Roy Morgan)
Date: Sat, 14 Jul 2018 13:31:50 -0400
Subject: [BoatAnchors] WTB: TS-585D Cover (Audio Output Meter)
Message-ID: <B8516044-1675-417D-B380-4EA028349D5F@gmail.com>

Hello folks,

I have a nice TS-585D/U Audio Output Meter with no cover.
These covers, like many others such as for the URM-25, migrate to the Land Of Disappearance.
After some calibration, this very useful meter is working perfectly.

Cover:
8.5 by 11 inches
Hinge halves with pins at the top
Spring Latch points at sides

If anyone has an available cover, do let me know.

Roy

Roy Morgan
k1lky68 at gmail.com

From dean.gagnon at juno.com Wed Jul 18 11:57:33 2018
From: dean.gagnon at juno.com (dean.gagnon at juno.com)
Date: Wed, 18 Jul 2018 15:57:33 GMT
Subject: [BoatAnchors] WTB: 7543 Tube
Message-ID: <20180718.115733.11326.0@webmail11.vgs.unttd.com>

All,

Working on my S-Line and need a couple of 7543s.

Anyone got inventory?

Dean
KK1K

Ringin' Ears? Eat This for Breakfast & Destroy Tinnitus

fighttinnitusnow.com

<http://thirdpartyoffers.juno.com/TGL3131/5b4f639a8c9e3639a6943st03vuc>

From gumbear at pacbell.net Wed Jul 18 20:46:19 2018

From: gumbear at pacbell.net (Arden Allen)

Date: Wed, 18 Jul 2018 17:46:19 -0700

Subject: [BoatAnchors] WTB: 7543 Tube

In-Reply-To: <20180718.115733.11326.0@webmail11.vgs.unttd.com>

References: <20180718.115733.11326.0@webmail11.vgs.unttd.com>

Message-ID: <EAB12EF559F64926B938BFB292753C75@Lenovo>

> Working on my S-Line and need a couple of 7543s.Anyone got
> inventory?

If you don't know the 7543 is a premium 6AU6, controlled for microphonism
and hum. Good for audio stuff.

Arden Allen

KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From ark at ar88.net Wed Jul 18 21:14:39 2018

From: ark at ar88.net (Al Klase)

Date: Wed, 18 Jul 2018 21:14:39 -0400

Subject: [BoatAnchors] WTB: 7543 Tube

In-Reply-To: <EAB12EF559F64926B938BFB292753C75@Lenovo>

References: <20180718.115733.11326.0@webmail11.vgs.unttd.com>

<EAB12EF559F64926B938BFB292753C75@Lenovo>

Message-ID: <48c5dcb4-e6d7-f6ee-8cc9-3f8643d115bf@ar88.net>

Jim Cross has them for 9 buck a throw:

<https://vacuumtubesinc.com/index.php/catalogsearch/result/?q=7543>

I have no pecuniary interest, etc., etc.

Al

On 7/18/2018 8:46 PM, Arden Allen via BoatAnchors wrote:

>

>> Working on my S-Line and need a couple of 7543s.?Anyone got

>> inventory?

>
> If you don't know the 7543 is a premium 6AU6, controlled for
> microphonism and hum.? Good for audio stuff.
>
> Arden Allen
> KB6NAX
>
> He who is cruel to animals becomes
> hard also in his dealings with men.
> We can judge the heart of a man by
> his treatment of animals.
> ?Immanuel Kant
> -----
> BoatAnchors mailing list
> BoatAnchors at lists.theporch.com
> <https://lists.theporch.com/mailman/listinfo/boatanchors>

--
Al Klase ? N3FRQ
Jersey City, NJ
<http://www.skywaves.ar88.net/>

From arc5 at ix.netcom.com Thu Jul 19 12:37:00 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 19 Jul 2018 11:37:00 -0500
Subject: [BoatAnchors] Can Toroids Be Notched?
Message-ID: <003401d41f7e\$b775ad70\$26610850\$@netcom.com>

Does anyone know if toroids can have a "notch"
taken out without shattering? I want to try to
use one as a "pickup head" so I need a gap for the
medium to travel through. Thanks.

GL OM ES 73 DE Dave AB5S

"You're always working at the margins
of what you don't understand.
That's the only exhilarating place to be.
To just illustrate what you already know
is condescending and a waste of your time."
--Emmet Godwin--

From gumbear at pacbell.net Thu Jul 19 17:04:50 2018
From: gumbear at pacbell.net (Arden Allen)

Date: Thu, 19 Jul 2018 14:04:50 -0700
Subject: [BoatAnchors] Can Toroids Be Notched?
In-Reply-To: <003401d41f7e\$b775ad70\$26610850\$@netcom.com>
References: <003401d41f7e\$b775ad70\$26610850\$@netcom.com>
Message-ID: <E241583724314AFF934575ABE78E69DE@Polywell>

> Does anyone know if toroids can have a "notch"
taken out without shattering? I want to try to
use one as a "pickup head" so I need a gap for the
medium to travel through.

Powdered iron toroid cores have physical properties similar to ceramics. My
choice would be to use a miniature hack saw to slowly cut a slit in the
donut core. Clamp the core in a vice that has several layers of masking
tape facing the jaws. I would NOT (no double negative here) use a Dremel
tool with a cutoff wheel - a snag would likely bust the core.

Arden Allen, KB6NAX

Heaven goes by favor. If it went by merit,
you would stay out and your dog would go in.
-Mark Twain

From dxguy at earthlink.net Thu Jul 19 18:06:21 2018
From: dxguy at earthlink.net (Donald Davis)
Date: Thu, 19 Jul 2018 15:06:21 -0700
Subject: [BoatAnchors] Can Toroids Be Notched?
In-Reply-To: <003401d41f7e\$b775ad70\$26610850\$@netcom.com>
References: <003401d41f7e\$b775ad70\$26610850\$@netcom.com>
Message-ID: <003201d41fac\$bab1d6c0\$30158440\$@earthlink.net>

Gaps are used frequently in power magnetics to extend the b-h curve so it
won't saturate during start up and short circuit operation. Iron and
ferrite can be fully or partially gapped. Should only be done with a
diamond wet saw (Home Depot tile saw) or can have gapped by Magetics Inc. or
other.

Should be "perfect" cut surface.

73 de don ad6pb

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf
Of David Stinson via BoatAnchors
Sent: Thursday, July 19, 2018 9:37 AM
To: boatanchors at mailman.qth.net; milsurplus at mailman.qth.net
Cc: David Stinson <arc5 at ix.netcom.com>

Subject: [BoatAnchors] Can Toroids Be Notched?

From arc5 at ix.netcom.com Fri Jul 20 13:15:25 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 20 Jul 2018 12:15:25 -0500
Subject: [BoatAnchors] TCS: Fixing a "Thunderstorm."
Message-ID: <000001d4204d\$40f892f0\$c2e9b8d0\$@netcom.com>

A TCS receiver repair:

Turned-on the TCS-12 receiver the other day and heard what sounded like "thunder storm" static. Quickly pulled the antenna and it remained. When you hear this from a TCS receiver, pull the power at once, because B+ is leaking somewhere. If one has not dried-out and sealed the phenolic bases of the IF transformers, B+ can be leaking from a plate connection to ground through the trapped water and can quickly blow-open an IF coil.

Removed the receiver and off she went to the repair bench.

To isolate the "thunder," removed the cover over the band switch and connected filament power to the buss bars connecting the removable modules and a variable B+ supply to the third terminal inboard on the module nearest the front:

<https://photos.app.goo.gl/qCSCjbkb62MHTsJm6>

Connected a speaker (no antenna), turned RF and AF gain up full and brought the B+ up just enough to hear some "thunder."

Pulled the RF amp tube- still thundering.

Pulled the Mixer tube- No thunder. This is good news, since it means it's not in the IF.

Reinstalled the Mixer and pulled the Oscillator tube- still thundering, so the problem is in the Mixer.

Pulled the mixer tube and started scoping each of the tubes socket pins. Pin 8, the signal grid, showed the jumping, jaggging line of sparking B+. A look at the diagram shows this pin is coupled to the Plate circuit of the RF amp via a 100 pFd mica cap:

<https://photos.app.goo.gl/TXQ2XJ5bme4CbcQw9>

Lifted the pin-8 end of the cap and sure enough, the scope shows the open end of the cap with the "jitter jives;" the cap is leaking, probably due to silver migration. Found a 91 pFd mica in the junkbox and installed:
<https://photos.app.goo.gl/4hK3TncUm3BmMXzeA>
Oops that's the wrong photo. Sorry. Here it is:
<https://photos.app.goo.gl/kbyNrm2z8r2z5Web7>

Receiver back to its excellent self. Total repair time from out-of-case to back-in-case: under an hour. Had it been the IF, it would have been much longer.

GL OM ES 73 DE Dave AB5S

"You're always working at the margins
of what you don't understand.
That's the only exhilarating place to be.
To just illustrate what you already know
is condescending and a waste of your time."
--Emmet Godwin--

From arc5 at ix.netcom.com Fri Jul 20 16:16:23 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 20 Jul 2018 15:16:23 -0500
Subject: [BoatAnchors] Addendum RE: TCS: Fixing a "Thunderstorm."
Message-ID: <001201d42066\$8a0d7dc0\$9e287940\$@netcom.com>

P.S. I forgot to mention you must jumper receiver connector pins 2 and 3, providing screen voltage. Muting circuit. You can see the black jumper at the right edge of the photo.

From listown at nanniandjack.com Sat Jul 21 16:13:08 2018
From: listown at nanniandjack.com (Jack G F Hill)
Date: Sat, 21 Jul 2018 15:13:08 -0500
Subject: [BoatAnchors] Penalty Box Advice Requested
Message-ID: <5047b5bb-e86f-3ce8-6fdf-39d5a1418f15@nanniandjack.com>

OK, Gang, I need some advice.

I have too much on my plate to spend energy getting angry and I am too

damned old to waste time tilting windmills.

Are you all willing to let the quality of the BoatAnchors list slide into the static and noise and just let all the "but I'm using my phone and it's really hard to edit" slop spill over into this list that has had the best signal-to-noise ratio for nearly 26 years, or should we NOT cave in to the lazy folks and maintain that signal-to-noise ratio?

I need your input, but *PLEASE* send me your vote and comments OFF-LINE and directly to me and keep it off the list.

--

Jack Hill, W4KH - BoatAnchors Listowner/Archiver
???????????????? listown at nanniandjack.com
??????? "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"

From vilgotch at bigpond.net.au Sat Jul 21 20:34:35 2018
From: vilgotch at bigpond.net.au (Morris Odell)
Date: Sun, 22 Jul 2018 10:34:35 +1000
Subject: [BoatAnchors] Penalty Box Advice Requested
In-Reply-To: <5047b5bb-e86f-3ce8-6fdf-39d5a1418f15@nanniandjack.com>
References: <5047b5bb-e86f-3ce8-6fdf-39d5a1418f15@nanniandjack.com>
Message-ID: <001501d42153\$c41994c0\$4c4cbe40\$@bigpond.net.au>

Hi Jack,

Even though you once had to warn me about a non-compliant post, I have always appreciated your efforts in keeping the S/N ratio high on this list. I subscribe to quite a few other lists, some of which include some very brainy educated people but they seem to have no idea when it comes to avoiding excess verbiage.

I think you should continue exerting discipline on the list and keep the quality high. It's a gem in the cesspool of the internet.

73 de Morris Odell VK3DOC

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at lists.theporch.com] On Behalf Of Jack G F Hill
Sent: 22 July, 2018 6:13 AM
To: Old Tube Radios
Subject: [BoatAnchors] Penalty Box Advice Requested

OK, Gang, I need some advice.

I have too much on my plate to spend energy getting angry and I am too

damned old to waste time tilting windmills.

Are you all willing to let the quality of the BoatAnchors list slide into the static and noise and just let all the "but I'm using my phone and it's really hard to edit" slop spill over into this list that has had the best signal-to-noise ratio for nearly 26 years, or should we NOT cave in to the lazy folks and maintain that signal-to-noise ratio?

I need your input, but *PLEASE* send me your vote and comments OFF-LINE and directly to me and keep it off the list.

--

Jack Hill, W4KH - BoatAnchors Listowner/Archiver
listown at nanniandjack.com

"Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

BoatAnchors mailing list
BoatAnchors at lists.theporch.com
<https://lists.theporch.com/mailman/listinfo/boatanchors>

This email has been checked for viruses by AVG.
<https://www.avg.com>

From arc5 at ix.netcom.com Tue Jul 24 19:24:54 2018
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 24 Jul 2018 18:24:54 -0500
Subject: [BoatAnchors] (no subject)
Message-ID: <000301d423a5\$876bec40\$9643c4c0\$@netcom.com>

Can someone please save this Radiomarine
transmitter
from the scrap heap? In Kentucy.

www.facebook.com/marketplace/item/186980308688371/

GL OM ES 73 DE Dave AB5S

From ddillman at igc.org Tue Jul 24 19:52:08 2018
From: ddillman at igc.org (Richard Dillman)
Date: Tue, 24 Jul 2018 16:52:08 -0700 (GMT-07:00)
Subject: [BoatAnchors] ET-8023
Message-ID: <342762024.8439.1532476328307@wamui-dingo.atl.sa.earthlink.net>

>Can someone please save this Radiomarine
>transmitter
>from the scrap heap? In Kentucky.

As most will know, the ET-8023 is part of the HF panel of the 1940s vintage Radiomarine 4U radio console. 200W from a pair of 813s. Single ended output.

This one did not suffer the installation of a crystal control deck, which was done when Victory ships (and Liberty ships that had the HF panel added to their 3U consoles) were pressed into service in the Viet Nam era. It retains the original VFO which might make it more attractive for amateur use.

While rough looking, these things are rugged and simple. Hard to tell without a personal inspection but I bet this grand and historic old lady could be made to sing again by most members of this list.

Let's hope someone steps up to do the right thing.

RD

=====
Richard Dillman
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

From wf2u at ws19ops.com Wed Jul 25 13:43:44 2018
From: wf2u at ws19ops.com (Meir Ben-Dror WF2U)
Date: Wed, 25 Jul 2018 13:43:44 -0400
Subject: [BoatAnchors] (no subject)
In-Reply-To: <000301d423a5\$876bec40\$9643c4c0\$@netcom.com>
References: <000301d423a5\$876bec40\$9643c4c0\$@netcom.com>
Message-ID: <mailman.97.1532541191.1141.boatanchors@lists.theporch.com>

Dave and All,

The guy put it on Facebook about 2 months ago. He had no idea what it was. I commented and described what it was and also posted a photo of an original radio room, showing the RCA Radiomarine ET-8023 transmitter in the 4U console. Since then it's still up there in 2 FB groups.

I'd have given the owner an offer and picked it up, but unfortunately I have no room, no time to work on it, nor the experience for stripping it and giving it a new paint job that'll look original.

I have the Mackay equivalent (167BY) of that transmitter, in the FT-102 console, with the E.H. Scott SLRF receiver, all in working and in fairly good cosmetic condition. Even the original key is still there in the cubbyhole under the receiver.

Hopefully someone will pick it up and restore that ET-8023. The owner certainly

didn't advertise it in the right place.
73, Meir WF2U
Landrum, SC

Sent from Mail for Windows 10

From: David Stinson via BoatAnchors
Sent: Tuesday, July 24, 2018 7:25 PM
To: boatanchors at mailman.qth.net; milsurplus at mailman.qth.net
Cc: David Stinson
Subject: [BoatAnchors] (no subject)

Can someone please save this Radiomarine
transmitter
from the scrap heap? In Kentucky.

www.facebook.com/marketplace/item/186980308688371/

GL OM ES 73 DE Dave AB5S

BoatAnchors mailing list
BoatAnchors at lists.theporch.com
<https://lists.theporch.com/mailman/listinfo/boatanchors>

From packradt at gmail.com Thu Jul 26 12:49:32 2018
From: packradt at gmail.com (packradt packradt)
Date: Thu, 26 Jul 2018 11:49:32 -0500
Subject: [BoatAnchors] WW2 Liberty Ship Transmitter
Message-ID: <CABYRTqez3vAbbJerJSUNmxShTF508o8uN=vHBTMd7mmd1GnWDQ@mail.gmail.com>

I, too, sent a notice out- to this group- on Jun 10. Largely crickets in response; no surprise noting the condition and heft of this beast. It's a labor of love and sweat. I told Thomas what I know about how the transmitter was used, with links. I got in touch with some of the folks tied in with the 'resource people' in the museum ship trade and they said spare transmitters had been offered to the Liberty Ship volunteer groups and they couldn't even go the shipping.

I reluctantly confess it is only about three-three and a half hours from me, and I would be offering ludicrously low sums for it. It would get similar treatment at this end and would probably be broken into (origin-labeled) components, as I have no more room.

((on an unrelated note, The local old radio club will be showing up in

Lebanon for Nashville's hamfest /midtnhamquest.com/ so there will be many old home broadcast sets, and, I have seen ham gear which will show up there: three nice condition unmolested ART-13 transmitters, Johnson Transmitters, a PRC-10. A lady usually shows up our old radio club sales that specializes in knobs, and I think she and her husband are planning to make this one too.))

Old message from June 10:

Date: Sun, 10 Jun 2018 00:18:45 -0500
From: packradt packradt <packradt at gmail.com>
To: boatanchors at lists.theporch.com
Subject: [BoatAnchors] WW2 Liberty Ship Transmitter.

A fellow named Thomas Young has found a transmitter in the barn of the family farm he's trying to clean out. it is an ET-8023-D1, he/it is in Guthrie KY, and he is open to offers. From a couple of photos on facebook, it looks like it is missing the receiver, and has been in covered, but to say the least non climate controlled conditions.

It is a mildly crusty green version of the one pictured on the John Brown:
<http://jproc.ca/ve3fab/jbrr2.jpg>

I am lighting the beacon to see if anyone like Jerry Proc working with the John Brown Liberty Ship preservation group or Perry Ballinger with the LST-325 ship preservation group have an interest in acquiring this transmitter with plans to restore or break for spares. No fiduciary interest; I just realized I have never ever seen one of these before in the flesh.

I have had one exchange with him, and he reports that most inquiries other than mine have been barely literate.

For those that have facebook, the link is this :
<https://www.facebook.com/marketplace/item/186980308688371/>

While I am interested, I am also out of room and most importantly married. I can't haul it home because I'd like to get some sleep at night. Much as I love 'em, I cannot be in the business of housing strays.

What say the group?

Best, Nathan E.

/

1. Re: (no subject) (Meir Ben-Dror WF2U)

Date: Wed, 25 Jul 2018 13:43:44 -0400
From: Meir Ben-Dror WF2U <wf2u at ws19ops.com>

/

Dave and All, The guy put it on Facebook about 2 months ago. /

73, Meir WF2U

Landrum, SC

/

From: David Stinson via BoatAnchors

/

www.facebook.com/marketplace/item/186980308688371/

/

GL OM ES 73 DE Dave AB5S

(Jack, let me know if the elisions are appropriate; I tried to hit reply in my settings and it would cypypasta the whole email, and so I had to pick and hunt to anchor it to previous emails without copying them all)

-N.

From spr at earthlink.net Sun Jul 29 17:08:58 2018

From: spr at earthlink.net (Scott Robinson)

Date: Sun, 29 Jul 2018 14:08:58 -0700

Subject: [BoatAnchors] [ARC5] Vibrator Power Supplies

In-Reply-To: <174BE501F9B441048EF529E85838B65F@DH26DQ31>

References: <174BE501F9B441048EF529E85838B65F@DH26DQ31>

Message-ID: <bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>

Folks,

Vibrators usually go at 115Hz, so you might think it wouldn't be OK at 60 Hz. However, read on:

Many years ago, I converted a 1950s Buick radio to run on 6V 6Hz, by wiring one side of the power transformer primary to the 6V heater line, now of course 6 v AC.

It worked fine for decades.

FWIW,

Scott

On 7/29/18 10:45 AM, Robert Eleazer wrote:

> Today I dismantled on old Lear aircraft radio power supply to use the
> chassis for something else.
> Are vibrator power supply transformers likely to work well on 60 HZ or
> are they designed to use higher frequencies?
>
> Thanks,

>
> Wayne
> WB5WSV
>

From kb8tad at gmail.com Mon Jul 30 20:41:55 2018
From: kb8tad at gmail.com (Rich Post)
Date: Mon, 30 Jul 2018 20:41:55 -0400
Subject: [BoatAnchors] [ARC5] Vibrator Power Supplies
In-Reply-To: <bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>
References: <174BE501F9B441048EF529E85838B65F@DH26DQ31>
<bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>
Message-ID: <CAEJr0FtXTWtMwF80omQSta7M1uQn68_=V2G8YePcetq5006iCw@mail.gmail.com>

Scott et al,

When I was barely a teen, my older sister dated a guy with a Hudson car. Car radio didn't work. He bought a matching junkyard radio that also did not work. I was given the one for fixing the other. Then fixed the second also. I did the same thing you did with that Hudson car radio. Ran it off the 6 volt winding of a junk power transformer. Fed the 6 VAC to ground and one of the vibrator output pin jacks. Worked well. Several years later, put the vibrator back in and mounted it under the dash of my first well-used car, a '55 Ford. Radio was still working when I finally got rid of the car.

Rich KB8TAD

Quote, Scott Robinson

>
> *Many* years ago, I converted a 1950s Buick radio to run on 6V 60Hz, by
> wiring one side of the power transformer
>

From kb8tad at gmail.com Mon Jul 30 21:23:58 2018
From: kb8tad at gmail.com (Rich Post)
Date: Mon, 30 Jul 2018 21:23:58 -0400
Subject: [BoatAnchors] [ARC5] Vibrator Power Supplies
In-Reply-To: <bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>
References: <174BE501F9B441048EF529E85838B65F@DH26DQ31>
<bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>
Message-ID: <CAEJr0Fu5Szzim5rdZJneSxt_mYptKNydwAoEOnjH=wpG+GXLvg@mail.gmail.com>

One more story about car radios on 6 VAC. Several years ago, I picked up a "Summer of '42" radio, a Ford radio made by Zenith. In the Summer of 1942, all car and radio production had ceased for the duration of WWII, but lots of car radios had been made in 1941 in preparation for the new '42 cars.

Many of those were converted to run on the AC line as the only new radios still available.

The Ford conversion was a table model with two small 6 VAC transformers in it, estimated at probably 1.5 or 2 amps each. One fed the tube filaments and one the original vibrator transformer. I re-capped the radio, added a proper fuse and some new wiring with more insulation to the power switch connections, (which was switching 120 VAC instead of 6 VDC) but left the little transformers as found. With it's TRF stage, typical of better car radios even then, it's still working rather well after all these years. All three transformers get only slightly warm.

Wrote an article "Radios for the Summer of '42" for *The Spectrum Monitor* (digital follow-on to Monitoring Times) October 2014 issue on it and a couple of other Summer of '42 conversions.

Pic of the Ford radio conversion is at
<<https://photos.app.goo.gl/f8vehJ6KqmtJQZKx5>>

It's always fun getting an oldie working again especially one with a story to tell!

Rich KB8TAD

From 1oldlens1 at ix.netcom.com Mon Jul 30 21:26:32 2018
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Mon, 30 Jul 2018 18:26:32 -0700
Subject: [BoatAnchors] [ARC5] Vibrator Power Supplies
In-Reply-To: <CAEJr0FtXTWtMwF80omQSta7M1uQn68_=V2G8YePcetq5006iCw@mail.gmail.com>
References: <174BE501F9B441048EF529E85838B65F@DH26DQ31>
<bab8ebb4-580e-39db-1f39-c00620375bae@earthlink.net>
<CAEJr0FtXTWtMwF80omQSta7M1uQn68_=V2G8YePcetq5006iCw@mail.gmail.com>
Message-ID: <b01bb98e-3775-6499-1f6a-d3ea6addfef0@ix.netcom.com>

The "Step Down" Hudson. Only rode in one a couple of times. Don't know who made their radios. GM bought Delco, I think Ford used Philco and eventually bought the company. Zenith or someone made the radios in Packards. I remember looking at a Packard V-12 when I was about 20 with some idea of buying it. It had a motor-generator to run the radio. Don't remember who made the radio but it had a characteristic whine rather than the buzz of a vibrator supply. Just as well I didn't saddle myself with it although it was a beautiful car.

Ryders or Beitman or someone had lots of service information on car radios. Mostly better than home radios because they had to deal with weak and varying signals. Most had an RF stage and somewhat more selectivity than home radios. Typically they had 262Khz IF's. Although Delco looks like it might have come from

Detroit electric it was actually Dayton Engineering, a company started by Charles Kettering, one of the founders of GM.

On 7/30/2018 5:41 PM, Rich Post via BoatAnchors wrote:

> Scott et al,

>

> When I was barely a teen, my older sister dated a guy with a Hudson car.
> Car radio didn't work. He bought a matching junkyard radio that also did
> not work. I was given the one for fixing the other. Then fixed the second
> also. I did the same thing you did with that Hudson car radio. Ran it off
> the 6 volt winding of a junk power transformer. Fed the 6 VAC to ground
> and one of the vibrator output pin jacks. Worked well. Several years
> later, put the vibrator back in and mounted it under the dash of my first
> well-used car, a '55 Ford. Radio was still working when I finally got rid
> of the car.

>

> Rich KB8TAD

>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL